[Document] Abstract

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[Problem to be Solved by the Invention] To provide a novel liquid crystalline compound capable of providing an optical film having an excellent capability of retaining the aligned liquid crystal orientation which has been fixed and mechanical strength.

[Means for Solving the Problem]

The problem was solved with a liquid crystalline compound represented by the formula:

$$Z^1-(CH_2)_n-L^1-P^1-L^2-P^2-L^3-P^3-L^4-(CH_2)_m-Z^2$$
 (1) wherein Z^1 and Z^2 are each independently a group represented by any one of formulas (2), (3) and (4) below, L^1 , L^2 , L^3 , and L^4 each independently indicate direct bond or are a group represented by any of $-O-$, $-O-CO-$, or $-CO-O-$, P^1 and P^2 are each independently a group represented by formula (5) below, and P^3 indicates direct bond or is a group represented by formula (5) below, P^3 indicates direct bond or is a group represented by formula (5) below, P^3 indicates direct bond or is a group represented by formula (5) below, P^3 indicates direct bond or is a group represented by formula (5) below, P^3 indicates direct bond or is a group represented by formula (5) below, P^3 indicates direct bond or is a group represented by formula (5)

$$0 \longrightarrow 0 - , \quad 0 \longrightarrow 0 -$$

$$(2) \qquad (3) \qquad (4) \qquad (5)$$

wherein X is selected from the group consisting of hydrogen, methyl, or halogen.

[Chosen Drawing] Fig. 1